Crimson Trace

Owner's Manual

Models LG: 617, 619, 626 and 629

Model #LG-617 For Glock 17, 17L, 22, 24, 31, 34, 35 and 37

Model #LG-619 For Glock 19, 23, 25, 32 and 38

Model #LG-626 For Glock 26, 27, 28, 33 and 39

Model #LG-629 For Glock 29 and 30

LASERGRIPS®

LASER SAFETY LABELING

IMPORTANT: Laser products must only be operated with the safety label applied to the firearm.

Labels could not be affixed to the product but are supplied and must be installed as indicated below:

1. Before handling any firearm, check several times both visually and by feel that it is unloaded. Check again.
2. Attach the “Danger” warning label to the outside of the firearm.
3. Attach the “Aperture” warning label with the arrow pointing to the laser diode lens.

Thank you for selecting the finest laser sighting system: Crimson Trace Lasergrips.
When it comes to speed, accuracy and security, Crimson Trace is the top choice of law enforcement, militaries and legally armed citizens around the world.

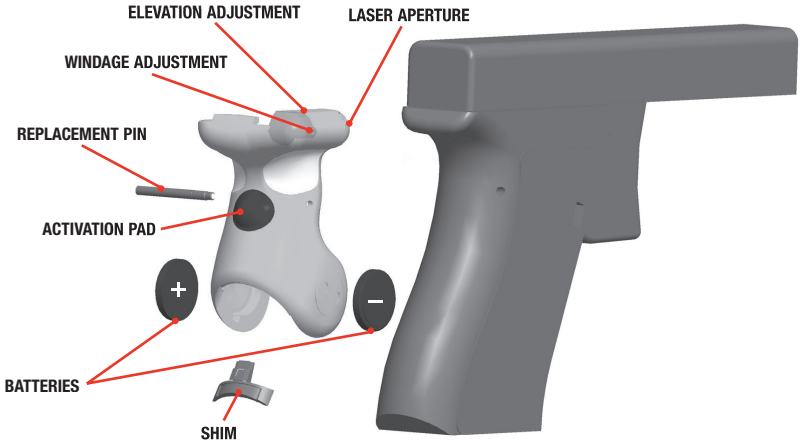
Feel free to contact us at 1.800.442.2406 with any questions you may have regarding your Lasergrips.

We also encourage you to visit us online at ***www.crimsontrace.com***. Here you can register your product, find valuable info on training and tactics or join fellow Crimson Trace users on our online forums.

Before installing Lasergrips, please read the entire manual.
Failure to follow these instructions and procedures may result in injury or death.

- Always follow firearms safety rules as outlined by the firearms manufacturer.
- Do not point the laser beam at eyes. Permanent eye damage can result.
- Keep this and all firearm related products locked and secured from children or other unauthorized users.

INSTALLATION INSTRUCTIONS



INSTALLATION INSTRUCTIONS

1. Ensure firearm is unloaded. Visually and physically check that the firearm is unloaded. Check again.

2. For safety and ease of installation, open slide. Remove trigger housing pin by pressing it out using the supplied Crimson Trace installation tool.

3. Install two (2) batteries with positive (+) side facing inward (toward gun frame). Be sure batteries are installed flat to the grip and aren't sitting on top of the contacts causing interference with the pistol frame. Point laser in a safe direction and press on activation pad to test laser operation.

4. Install Lasergrips by sliding onto frame, starting from the bottom of the frame. Once seated, line up holes and hold firmly.

5. Insert enclosed replacement trigger housing pin from left side, starting with grooved end. Press into place using side of Crimson Trace tool. Fine adjustment of pin can be done using rounded edge of tool handle. (Please see fit notes section.)

INSTALLATION INSTRUCTIONS - FIT NOTES

NOTE: Holes in frame and Lasergrips must align exactly for pin to seat properly. Press firmly on Lasergrips housing to align holes. Do not use excessive force on pin or you may damage Lasergrips housing.

Be sure trigger block has not moved during installation, or the holes will not align properly when installing the pin. If it has moved and is blocking pin installation, remove the slide and push down on the trigger block. (If you have any questions about performing this task, consult the manufacturer's instructions or a qualified gunsmith.)

Lasergrips are designed to fit factory-original pistols only.

Pin may unseat slightly during initial use. This is normal. It should seat permanently after firing a few hundred rounds.

Customers must keep original factory-provided plastic pin and re-install whenever Lasergrips are removed.

INSTALLATION INSTRUCTIONS - FIT NOTES

Lasergrips are precision engineered for an exact fit. Due to slight variations in pistol frames, we've developed different installation pins and a shim to produce a proper fit. Two different pins and/or an optional shim may be provided with your accessory kit to ensure an exact fit. Certain Glock models will require use of the alternate pin or shim, or both. In general, the models requiring these are as follows:

G17, 17L and other large-frame models – Two different installation pins have been provided. Use the pin with one groove first, installing from the left side first. If holes do not line up and pin does not install completely, use pin with two grooves.

G26, 27, 30, 39 – If grip is loose on frame after installation (rocks on pin), remove grip and install plastic shim to inside of grip at bottom between batteries using supplied double-sided tape. Re-install grip and pin.

G29, 30 – Install plastic shim inside of grip at bottom between batteries using supplied double-sided tape. Use pin with three grooves, installing grooved end first through left side.

If you are still having difficulty installing the grip after following the above instructions, please contact Crimson Trace customer service at 800.442.2406.

INSTALLATION INSTRUCTIONS

6. Attach “Danger” sticker to outside of firearm. Attach laser aperture sticker so that arrow points to laser diode.

7. Press the activation switch on the back of Lasergrips to test laser operation.

8. In a safe direction, confirm that the laser and iron sights are in alignment. Lasergrips are sighted-in at the factory, but can be fine-tuned for windage and elevation using the enclosed Allen wrenches.

OPERATING INSTRUCTIONS

Lasergrips are activated with a pressure pad, which is located on the rear of the grip. With a normal shooting grip, the web between your thumb and index finger will naturally hit the pressure pad.

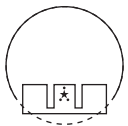
Use caution when activating the laser to avoid direct eye exposure, which can result in permanent eye damage. Follow all precautions as outlined by the firearms manufacturer. Keep this and all firearm related products locked and secured from children or other unauthorized users.

SIGHTING ADJUSTMENTS

Lasergrips are pre-sighted at the factory for 50ft. Many times no further adjustments are required. Lasergrips are fully adjustable for windage and elevation if further adjustments are desired. A good starting point is to align the laser with your fixed sights (fig. 1)

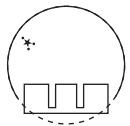
A two-screw alignment system is used to adjust for windage and elevation. The adjustment screws are located just behind the laser aperture. Place the included allen wrenches into the adjustment screws. To move the laser to the left, turn the windage screw clockwise. To move the laser up, turn the elevation screw clockwise.

fig. 1



beam lined up with proper sight picture

fig. 2



beam moved to line up with impact point

DO NOT overturn adjustment screws. A little adjustment goes a long way.
Rarely is more than one complete turn required, as the threads may strip.

SIGHTING ADJUSTMENTS

Start by tuning the beam to line up with your fixed sights at the desired distance. Most people sight in their laser at between 20 and 50 feet. However, because of the small amount of mechanical offset between the laser and the bore, the actual change in point-of-impact from these distances is very small.

Further adjustment can be made at the range to determine where your pistol impacts in relation to its fixed sights. The laser should be moved to the actual impact point of the bullet. (fig. 2)

Occasionally, one of the adjustment screws will turn but not adjust the beam. If this happens, back out the screw to relieve tension, and then turn the opposite adjustment screw (i.e. windage screw if the elevation is stuck). This normally will free up the adjustment mechanism. To finish adjustment, turn the screw that was not rotating first,
then complete the other adjustment.

Lasergrips can be removed from the pistol for maintenance and cleaning without losing “zero”.

MAINTENANCE

Lasergrips require minimal attention and are designed to resist most common firearms chemicals and lubricants. However, excessive exposure to these chemicals can be detrimental. To ensure the safe and effective operation of your Lasergrips:

- Remove Lasergrips before cleaning gun.
- Do not use pressurized or compressed air on Lasergrips.
- Do not immerse Lasergrips in cleaning fluid or lubricate firearm excessively. A pistol that has too much oil will foul the lens of the laser and create an unfocused beam. This can be easily cleaned and causes no permanent damage.
- Do not allow cleaning solution to enter lens area.
- Do not allow solvents to contact your grips that contain: VOCs or TCE such as: carb/brake cleaner, acetone, MEK, gasoline. Grip damage will result.

After extensive shooting, you may notice a degradation of beam quality or “beam spread”. This is the result of fouling on the lens surface. This is normal and can be easily cleaned with the included cleaning tools or a small cotton swab dipped in isopropyl alcohol or window cleaner. Dry the lens with a clean swab. **When cleaning the lens do not touch lens with any sharp objects.**

BATTERY GUIDELINES / REPLACEMENT

Batteries normally last for about 4 hours of illumination. If the laser becomes dim or fades, replace batteries. Keep battery compartment free of dirt or other contaminants. Debris inside battery compartment may affect laser operation.

Lasergrips use commonly available **CR2032** or **DL2032** type batteries. To replace batteries:

1. Ensure that pistol is unloaded.

2. Check again to make sure pistol is unloaded.

3. Remove Lasergrips and old batteries.

4. Install new batteries with positive (+) polarity up.

WARRANTY

CRIMSON TRACE CORPORATION (CTC) warrants that this product will be free from defects in materials and workmanship for a period of three years from date of original retail purchase. CTC will repair or replace, at its option, any product or part which is found to be defective under normal use and service, without charge during the warranty period. CTC's obligation to repair or replace, shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not cover normal maintenance and service and does not apply to any products or parts which have been subject to modification, misuse, carelessness, accident, improper maintenance or repair other than by CTC. Warranty does not cover batteries or problems arising from faulty batteries.

This limited warranty is in lieu of any and all other warranties, either expressed or implied, including but not limited to, merchantability and fitness for particular purpose. CTC shall not be liable for indirect, incidental, consequential or special damages arising out of, or in connection with, product use and performance, even if it has been informed of the possibility of such damages.

Please be sure to retain original sales receipt for proof of purchase. For warranty service, carefully package the unit along with dated proof of purchase and an explanation of the problem, and mail it to:

Crimson Trace Corporation, Attn: Customer Service - Warranty
8089 SW Cirrus Drive, Beaverton, OR 97008
Phone: (800) 442-2406

SPECIFICATIONS

Laser Type:	Class IIIa visible laser diode
Peak Power:	5mW
Wavelength:	635nm
Beam Color:	Red
Beam Size:	Approx. 0.5" at 50'
Battery Type:	(2) CR2032 or DL2032 lithium cells
Battery Life:	Over 4 hours; 5 year shelf life

This product complies with 21 CFR 1040.10
Manufactured by Crimson Trace Corporation

Crimson Trace

8089 SW Cirrus Drive, Beaverton, OR 97008
Phone: (800) 442-2406 or (503) 627-9992
Fax: (503) 627-0166
Customer Service E-mail: customer@crimsontrace.com
Website: www.crimsontrace.com

US PATENT 5,435,091, 5,179,235 and 5,706,600; Other patents pending
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